

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A linking information making device comprising:
a service list acquisition unit which acquires a service list expressing
respective services which execute predetermined processing of document data, the respective services being provided by service processing devices;
an interface information acquisition unit which ~~individually~~ acquires pieces of
interface information ~~from~~ corresponding to the respective service processing devices
~~respectively providing the services expressed in the service list which has been acquired by~~
~~the service list acquisition unit;~~ and
a linking information making unit which makes ~~a first~~ linking information ~~to~~
~~link services provided by the respective service processing devices,~~ based on the interface
information which has been acquired by the interface information acquisition unit, ~~wherein at~~
~~least one of the services is a second linking information in order to link a plurality of services.~~
the linking information linking the respective services and being used by a service processing
device having a function for starting a linking process that includes execution of the
respective services.
2. (Currently Amended) A linking information making method comprising:
a service list acquisition step at which a service list expressing respective
services, which execute predetermined processing of document data, is acquired, the
respective services being provided by service processing devices;
an interface information acquisition step at which pieces of interface
information corresponding to the respective service processing devices are ~~individually~~

~~acquired from service processing devices respectively providing the services expressed in the service list which has been acquired at the service list acquisition step; and~~

~~a linking information making step at which a first linking information is made, to link services provided by the respective service processing devices is made, the linking information being based on the interface information which has been acquired at the interface information acquisition step, wherein at least one of the services is a second linking information in order to link a plurality of services, and the linking information linking the respective services and being used by a service processing device having a function for starting a linking process that includes execution of the respective services.~~

3. (Currently Amended) A recording medium having recorded a linking information making program, wherein by the program:

~~a service list expressing respective services services, which execute predetermined processing of document data data, is acquired, the respective services being provided by service processing devices;~~

~~interface information that corresponds to the respective service processing devices is individually acquired from service processing devices respectively providing the services expressed in the acquired service list; and~~

~~processing, which makes a first linking information to link services provided by the respective service processing devices, based on the acquired interface information, is executed, wherein at least one of the services is a second linking information in order to link a plurality of services, the linking information linking the respective services and being used by a service processing device having a function for starting a linking process that includes execution of the respective services.~~

4. (Previously Presented) A document processing system, comprising:
the linking information making device according to claim 1 which acquires the service list transmitted from a search device;

a plurality of service processing devices which provide services for executing predetermined processing of document data and transmit pieces of service information at any time; and

the search device provided with: a service information storage unit for storing the pieces of service information which have been transmitted at any time from currently-available service processing devices; a search unit for searching services corresponding to services, for which search has been requested, using the pieces of service information which have been stored in the service information storage unit; and a transmission unit which transmits the service list based on the search results of the search unit.

5. (Original) A document processing system according to claim 4, wherein the transmission unit of the search device transmit the service list expressing services which are services provided by currently-available service processing devices and correspond to services for which search has been requested, to the linking information making device.

6. (Original) A document processing system according to claim 4, wherein the service processing devices transmit pieces of input information and pieces of output information on services, service names, and service information location as service information.

7. (Original) A document processing system according to claim 4, wherein the interface information acquisition unit of the linking information making device acquires pieces of service information location for accessing the respective service processing devices, from the search device, and acquires pieces of interface information from the service processing devices based on pieces of the acquired service information location.

8. (Original) A document processing system according to claim 4, further comprising a service linking processing device which executes linking processing of services provided by the respective service processing devices, based on the linking information made by the linking information making device.

9. (Currently Amended) A linking information making device comprising:
an input device which inputs a service list expressing respective services which execute predetermined processing of document data, the respective services being provided by service processing devices; and

a controller which extracts pieces of port information of respective services from the service list input from the input device, acquires pieces of interface information corresponding to the respective ~~by accessing~~ service processing devices based on the pieces of extracted port information, and makes ~~a first~~ linking information ~~for linking services provided by the respective service processing devices,~~ based on the pieces of acquired interface information, ~~wherein at least one of the services is a second linking information in order to link a plurality of services.~~ the linking information linking the respective services and being used by a service processing device having a function for starting a linking process that includes execution of the respective services.

10. (Canceled)

11. (Currently Amended) A document processing system comprising:
a plurality of service processing devices which store interface information and transmit service information at any time;
a search device comprising:
a memory storing pieces of service information which are transmitted at any time from currently-available service processing devices;

a controller which searches services corresponding to services for which search has been requested, using pieces of service information stored in the memory, and makes a service list expressing services, for which search has been requested, and pieces of port information, based on the search result;

an output device which outputs the service list made by the controller; and

a linking information making device comprising:

an input device which inputs a service list expressing respective services which execute predetermined processing of document data, the respective services being provided by the service processing devices; and

a controller which extracts pieces of port information of respective services from the service list input from the input device, acquires pieces of interface information by ~~accessing corresponding to the respective~~ service processing devices based on the pieces of extracted port information, and makes ~~a first linking information for linking services provided by the respective service processing devices~~, based on the pieces of acquired interface information, ~~wherein at least one of the services is a second linking information in order to link a plurality of services~~. the linking information linking the respective services and being used by a service processing device having a function for starting a linking process that includes execution of the respective services.

12. (Original) A document processing system according to claim 11, wherein the service processing devices transmit at least pieces of port information of services and service outlines as the service information.

13. (Original) A document processing system according to claim 11, further comprising a service linking processing device which executes linking processing of services provided by the respective service processing devices, based on the linking information made by the linking information making device.